

We claim:

- 1 1. A method for treatment of skin comprising:
2 Treating a subsurface layer of skin with a source of energy sufficient to cause stimulation of
3 collagen remodeling, in conjunction with applying a wound healing composition to the skin to wound
4 healing, thereby achieving improved collagenesis in the skin.
- 1 2. The method of Claim 1 wherein the energy is electromagnetic energy.
- 1 3. The method of Claim 1 wherein the energy is mechanical energy, such as
2 microdermabrasion.
- 1 4. The method of Claim 1 wherein the wound healing promoting substance is a growth
2 factor.
- 1 5. The method of Claim 1 wherein the wound healing promoting substance is H3 protein.
- 1 6. The method of Claim 5 wherein the treatment is repeated serially with more than one day
2 between any successive treatments.
- 1 7. A method for treatment of acne scars in skin, comprising:
2 Treating subsurface and surface layers of the skin with a source of energy in order to stimulate
3 collagenesis in the skin without substantial injury to the epidermis, in conjunction with applying a wound
4 healing promoter composition which enhances a healing response in the skin, thereby improving the
5 appearance of the acne scars.

1 8. A method for treatment of photodamaged skin, comprising:

2 Treating the skin with a source of energy which stimulates collagenesis without substantial injury
3 to the epidermis, in conjunction with applying a wound healing promoter composition to the skin which
4 enhances a healing response, thereby improving the appearance of the photodamaged skin.

1 9. A method for treatment of wrinkled skin, comprising:

2 Treating the skin with a source of energy which stimulates collagenesis without substantial injury
3 to the epidermis, in conjunction with applying a wound healing promoter composition to the skin which
4 enhances a healing response, thereby improving the appearance of the wrinkled skin.

1 10. An system for treatment of skin, comprising:

2 a source of energy which is sufficient to stimulate collagenesis in the skin without substantial
3 injury to the epidermis; and
4 a wound healing promoter composition which enhances a healing response in the skin to accelerate
5 collagenesis therein, thereby resulting in improved appearance of skin.

1 11. A method for treatment of tissue comprising the following steps:

2 causing a subdermal wound using a source of electromagnetic energy; and
3 applying a growth factor to the tissue, such that collagenesis, repair and healing improvement of
4 tissue is accelerated.